



PATENT

Docket No.: 57953/1151 (SAM01-02US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Muktar A. Mahajan et al.)	Examiner:
)	Guy L. Guidry
Serial No.	:	10/645,250)	
)	Art Unit:
Cnfrm. No.	:	7913)	1636
)	
Filed	:	August 20, 2003)	
)	
For	:	NIF-1 IS A NOVEL CO-TRANSDUCER)	
		THAT INTERACTS WITH AND)	
		REGULATES THE ACTIVITY OF THE)	
		NUCLEAR HORMONE RECEPTOR CO-)	
		ACTIVATOR, NRC)	

DECLARATION OF MUKTAR A. MAHAJAN AND HERBERT H. SAMUELS
UNDER 37 CFR § 1.131

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We, MUKTAR A. MAHAJAN AND HERBERT H. SAMUELS, pursuant to
37 CFR § 1.131 declare that:

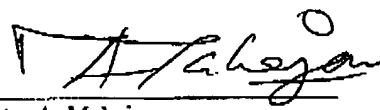
1. We are joint inventors of the above-identified patent application.
2. It is our understanding that the U.S. Patent and Trademark Office has rejected claims of our above-identified application over U.S. Patent 6,783,969 to Tang et al. (filed March 5, 2001).
3. We are providing this declaration to demonstrate that the claimed subject matter of our above patent application was invented by us, in the United States, before March 5, 2001.
4. Attached hereto as Exhibits 1, 2, and 3 are copies of NIF-1 sequences we generated. The data was documented before March 5, 2001. Exhibit 1 shows a nucleic acid molecule having a nucleotide sequence of SEQ ID NO: 1. Page 1 shows 1-3762 of the sequence (starting from G, the second letter displayed) and page 2 shows from 571-4430 of the sequence. The exact dates the SEQ ID NO: 1 data was documented are redacted on

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Exhibit 2 (pages 1 and 2). Exhibit 3 shows the complete amino acid sequence designated as SEQ ID NO: 2 (from 1-1443) and the exact dates the data was documented are redacted.

5. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 7/10/07
Muktar A. MahajanDate: 7/10/07
Herbert H. Samuels

[illegible]

Translation of assemble h-CIPmRNA

1
MEE NEV ESS SDA APG PGR PEE PSE SQL GVG TSE AVS ADS SDA AAA POQ AEA DDS GVG QSS DRG SRS QEE VSE SSS SAD PLP NSV LPD SSS VSH GPV AGV TGG PPA LVH SSA LPD
PNM LVS DCT ASS SDA IDK IIE STI QPD LIQ NC1 TVT SAE DGG AET TRY LIL QGP DGG APM TSP MSS STL AHS LAA IEA LAD GPT STS TCL EQG GGP SSP VQL PPA SGA EEP
DLQ SLE AMM EVV VVQ QFK CKM CQV RSS TKA TLL RHM RER HFR PVA AAA AAA GKK GRL AKH STS TKS QEE EGP EEE DDD DIV DRG AID DLE EDS DYN PAE DEP RGR QLR LQR PTP
STP APR RAP GRP AKL PAL EIS DLP DGV EGE PLV SSQ SQG SPP EPQ DPE APS SSG PCH LVA MOK VSR TPV EAG VSQ SDA ENA APS CPD EHD TLP AAR GRP SAR SRR FLG KKY AKY VVK
SPK PLL RPF LCR ICG SAF LSH EDL RFH VNS HER GDP QLF KCL QCS VRS RAR SSL KEH MFN HVG SKP YKC DEC SYT SVV RKD VIR HAA VHS RDR KKR PDP TPK LSS FPC PVC GRV
YPM QKR LTQ HMK THS TEK PHM CDK CGK KRY TFK MHL LTH IQR VAN RAR KCE FCE FVC EDK KAL LNH QLS HVS DKP FVC SFC PYR TFR EDF LLS HVA VKH TGA KPF ACE VCH
FST RHK KNL RLH VRC VAK SED VEA GLA SPG GQP SPE GAT PQV VTL HVA EPG GGR AAE SQL GPP DLP QIT LAP GPF GGT GYS VIT APP MEE GTS APG TPV SEE PAG ERA QAV
LLN MSA QRE LGG TAL QVA VVK SED VEA GLA SPG GQP SPE GAT PQV VTL HVA EPG GGR AAE SQL GPP DLP QIT LAP GPF GGT GYS VIT APP MEE GTS APG TPV SEE PAG ERA QAV
VVS DTL KEA GTH YIM ATD GTQ LHM IEL TAD OSI SFP SPD ALA SGA KNP LLQ CGG LPR DGP EPP SPA KTH CVG DSQ SSA SSP PAT SKA LGL AVP PSP PSA ATA ASK KFS CKI CRE
AFP GAA EME SHK RAR AGP GAF KCP DCP FSA RQW PEV RAR MAQ HSS LAR HQC SQC SFA SKN KKD LAR HML THT KEK PFA CHL CGQ AFN ANG HLK FHI QAL HSP DGR KSG TPT ARA
PTQ TPT QT1 ILN SDD ETL ATL HTR LQS SHG VLG PER LQK ALS QEH IIV AQE QTV TNO EER RYI QE1 TTA DGG TVQ HLV TSD NQV QV1 ISQ DGV QHL LPQ EVV VVP EGH HIQ VQE
QQ1 THI QVE QGA PFL QES QIQ VVP VSP GQQ LVT QAR LER AAR SAV TAV ADA AMA QAR GLF GTD ETV PEH IQQ LQH QGI EYD VIT LAD D*P PRA QHR SHI CQK LSW G*G ATR THL
PLH LOS POT G*P ASS HSQ GAR PVL LGL GAA MGP SQD MLG APA CRQ ALG EKX IFV WVD PLA CQS Q*P DRS PVL NSL

assemble h-CIPmRNA Info

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